MISCELLANEA ZOOLOGICA HUNGARICA
Tomus 6. 1991. p. 77–85

Annotated list of type specimens of recent mammals in the Hungarian Natural History Museum

by
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(Received June 17, 1991)

Abstract: A list of the type specimens stored in the Mammal Collection of the Hungarian Natural History Museum with some remarks and newly designated lectotypes is given.
Key words: type specimen, mammals, Hungarian Natural History Museum

The Mammal Collection of the Hungarian Natural History Museum (HNHM) houses over 30,000 specimens of recent mammals. DEMETER & TOPÁL (1987) reported some of the old specimens deposited here and commented on the arrangement and facilities of the collection.

Over the past three years the Mammal Collection has been completely rearranged, and relocation and revision of the holdings, combined with ongoing computerization of the catalogues (DEMETER *et al.* 1989) necessitated a thorough check of all the type specimens. There are a number of published catalogues of type specimens preserved in various collections (see bibliographies in YATES *et al.* (1987) and SCHLITTER (1974)) which are extremely useful for locating type specimens for taxonomic studies. With this objective in mind, herein an annotated list of type specimens of mammals in the HNHM is presented with citations, locality and date of collection (if given), state of preservation, current taxonomic status and remarks, whenever necessary. The locality is given as in the description, only the words county and mts. have been translated to English, and the country is given in English in brackets, irrespective of the original description.

INSECTIVORA

Soricidae

Sorex araneus csikii Éhik, 1928
Állatt. Közlem. 25: 54,98
Lectotype: Inv. no. 3582 adult male, skin and skull.
[Hungary] Mátészalka, 16.06.1927
Paralectotypes: Inv. no. 3292.1 adult female, skin and skull.
Inv. no. 3292.2 adult female, skin and skull.
[Hungary] Ópályi, 22.10.1924
Inv. no. 3325.1 adult female, skin and skull.
Inv. no. 3325.2 adult female, skin and skull.
[Hungary] Nagydobos, 03.11.1924
Remarks: The lectotype is designated herein.
= *Sorex araneus* ssp ?

Crocidura yankariensis Hutterer and Jenkins, 1980
Bull. Br. Mus. Nat. Hist. (Zool.) 39: 305
Holotype: Inv. no. 80.1.1. skull.
[Nigeria], Bauchi State, 16 km E of Yankari G.R. boundary, Futuk, 07.08.1978
Paratypes: Inv. no. 87.83.1. skull.
Inv. no. 87.83.2. skull.
Inv. no. 87.83.3. skull.
Inv. no. 87.83.4. skull.
Inv. no. 87.83.5. skull.
Inv. no. 87.83.6. skull.
Inv. no. 87.83.7. skull.
[Nigeria], Bauchi State, 16 km E of Yankari G. R.
boundary, Futuk, 07.08.1978
Inv. no. 87.83.8. skull.
Inv. no. 87.83.9. skull.
[Nigeria], Yankari, Wikki, 11.05.1978
Inv. no. 87.83.10. skull .
[Nigeria], Yankari, Wikki, 25.07.1978
Remarks: The type series consists of damaged skulls obtained from owl pellets.

Talpidae

Talpa romana éhiki Czájlik, 1987
Fol. Hist.-nat. Mus. Matr., 12: 133
Paratypes: Inv. no. 3524.1 adult female, skin and skull.
[Hungary] Pusztapó, 26.08.1926
Inv. no. 3380.3 adult male, skin and skull.
[Hungary] Pusztapó, 26.01.1925
Remarks: See DEMETER & CSORBA (1991).
= *Talpa europaea* Linnaeus, 1758

CARNIVORA

Canidae

Canis aureus hungaricus Éhik, 1938
Annls hist.-nat. Mus. natn. hung. 31: 11,13
Holotype: Inv. no. 4097 adult male, skull and mounted skin.
[Hungary] Szatmár county, Tyukod, 25.01.1937
= *Canis aureus moreoticus* I. Geoffroy, 1835 (see DEMETER & SPASSOV, in press)

Mustelidae

Mustela lutreola hungarica Éhik, 1932
Állatt. Közlem, 29: 139, 142
Holotype: Inv. no. 1845.3.a adult female, skull and mounted skin.
[Czech and Slovak Federal Republic] Turócz county, Gáderi erdő, 1842

Remarks: The skull is that of a polecat. Because the description is principally based on characters of the skull, in spite of the skin belonging in fact to the European mink we disagree with SZUNYOGHY (1974), who synonymized the taxon with *M. lutreola transsylvanica*. Herewith we synonymize the taxon with *Mustela putorius*.
= *Mustela putorius* Linnaeus, 1758

Mustela lutreola transsylvanica Éhik, 1932
Állatt. Közlem. 29: 139, 142
Holotype: Inv. no. 2717 adult female, skin and skull.
[Romania] Háromszék county, Kovászna, 21.03.1906
= *Mustela lutreola lutreola* Linnaeus, 1761 (see CORBET 1978)

Mustela eversmanni hungarica Éhik, 1928
Annls hist.-nat. Mus. natn. hung. 25: 15, 37
Lectotype: Inv. no. 3522 adult female, skin and skull.
[Hungary] Mosonmagyaróvár, 22.12.1926
Paralectotype: Inv. no. 3537 adult male, skin.
[Hungary] Csongrád county, Derekegyház, 23.03.1927
Remarks: The lectotype is designated herein.

RODENTIA

Arvicolidae

Pitymys dacius hungaricus Éhik, 1926
Annls hist.-nat. Mus. natn. hung. 24: 64
Holotype: Inv. no. 3413 adult male, skin and skull, body in alcohol.
[Hungary] Budafok, 31.03.1921
Paratype: Inv. no. 2939 adult male, skin and skull.
[Hungary] Budafok, 31.03.1921
= *Pitymys subterraneus* ssp?

Pitymys incertoides Wettstein, 1927
Anz. Akad. Wiss. Wien 64: 3
Paratype: Inv. no. 56.22.1. adult male, skin and skull.
[Austria] Muttenjoch, Martar, Gschnitztal, Nordtirol, .25.08.1921
= *Pitymys subterraneus* ssp?

Pitymys klőzeli Éhik, 1942
Annls hist.-nat. Mus. natn. hung. 35: 83
Lectotype: Inv. no. 4175.43 adult male, skin and skull.
[Romania] Marostorda, Kelemen Mts., Dregus, 1700 m, 30.08.1941
Paralectotypes: Inv. no. 4175.34 adult male, skin and skull.
Inv. no. 4175.35 juv. male, skin and skull.
[Romania] Marostorda, Kelemen Mts., Dregus, 1700 m, 28.08.1941
Inv. no. 4175.41 adult female, skin and skull.
Inv. no. 4175.42 juv. male, skin and skull.
[Romania] Marostorda, Kelemen Mts., Dregus, 1700 m, 30.08.1941

Remarks: The lectotype is designated herein.
= *Pitymys subterraneus* ssp?

Pitymys nyirensis Éhik, 1930
Annls hist.-nat. Mus. natn. hung. 27: 255
Holotype: Inv. no. 3583.2 adult female, skin and skull.
[Hungary] Szatmár county, Mátészalka, 21.06.1927
Paratype: Inv. no. 3583.1 adult female, skin and skull.
Szatmár county, Mátészalka, 21.06.1927
= *Pitymys subterraneus* ssp?

Pitymys subterraneus mátrensis Éhik, 1930
Annls hist.-nat. Mus. natn. hung. 27: 252
Holotype: Inv. no. 3690.6 adult female, skin and skull.
[Hungary] Mátra Mts., Kékestető, 18.10.1929
Paratypes: Inv. no. 3690.1 adult female, skin and skull.
Inv. no. 3690.2 adult male, skin and skull.
[Hungary] Mátra Mts., Kékestető, 18.10.1929
Inv. no. 3690.3 adult male, skin and skull.
Inv. no. 3690.4 adult female, skin and skull.
[Hungary] Mátra Mts., Kékestető, 16.10.1929
Inv. no. 3690.7 adult female, skin and skull.
[Hungary] Mátra Mts., Kékestető, 17.10.1929
= *Pitymys subterraneus* ssp?

Pitymys subterraneus wettsteini Éhik, 1926
Annls hist.-nat. Mus. natn. hung. 24: 63
Holotype: Inv. no. 3412 adult, skin and skull.
Hungary
Remarks: No exact locality and date.
= *Pitymys subterraneus* ssp?

Pitymys transsylvanicus Éhik, 1924
Annls hist.-nat. Mus. natn. hung. 21: 159
Holotype: Inv. no. 2770 adult female, skin and skull, body in alcohol.
[Romania] Fogaras Mts., near Kercz (county Fogaras), around the Bulea Lake, 2046 m, 03.08.1910
= *Pitymys subterraneus* ssp?

Microtus radnensis Éhik, 1942
Annls hist.-nat. Mus. natn. hung. 35: 23
Holotype: Inv. no. 4176.2 adult female, skin and skull.
[Romania] Radnai Mts., Mosolygó Lake, 1800 m, 28.07.1941
Paratype: Inv. no. 4176.1 adult female, skin and skull.
[Romania] Radnai Mts., Mosolygó Lake, 1880 m, 28.07.1941
= *Microtus nivalis ulpius* Miller, 1908 (see Krapp, 1982)

Microtus agrestis pannonicus Éhik, 1924
Annls hist.-nat. Mus. natn. hung. 21: 76
Holotype: Inv. no. 3058 adult female, skin and skull, body in alcohol.
[Hungary] Zala county, Ormánd, 11.05.1920
Remarks: Supplementary type was subscribed in Annls hist.-nat. Mus. natn. hung. 25: 196 p. from Somogy county, Háromfa, 08.1925. Inv. no. is 3447.
= *Microtus agrestis niger* (Fatio, 1869) (see KRAPP & NIETHAMMER 1982).

Microtus agrestis wettsteini Éhik, 1928
Annls hist.-nat. Mus. natn. hung. 25: 197
Paratype: Inv. no. 3616 adult female, skin and skull.
[Austria] Frankenstein, bei Ob. Trixen, Karintia, 30.07.1926
Remarks: The specimen was subscribed as supplementary type.
= *Microtus agrestis* ssp?

Microtus ratticeps méhelyi Éhik, 1928
Annls his.-nat. Mus. natn. hung. 25: 197
Holotype: Inv. no. 3350.1 adult male, skin and skull, body in alcohol.
[Hungary] Rajka, 03.1925
Paratypes: Inv. no. 3350.2 adult female, skin and skull, body in alcohol.
Inv. no. 3350.3 adult male, skin and skull, body in alcohol.
[Czech and Slovak Federal Republic] Csallóköz, Somorja, 03.1925
= *Microtus oeconomus méhelyi* (see TAST 1982)

Muridae

Mus gilvus Petényi, 1882
Természetrajzi Füzetek 5: 100
Holotype: Inv. no. 1846.1 adult male, mounted.
[Hungary] Budapest, Dunapart, 03.03.1846.
Remarks: Skull is in the skin.
= *Mus musculus* ssp?

Mus spicilegus Petényi, 1882
Természetrajzi Füzetek 5: 114
Lectotype: Inv. no. 161.7 adult male, mounted.
[Hungary] Felsőbesnyő, 15.04.1852
Paralectotypes: Inv. no. 161.8 adult male, mounted.
[Hungary] Felsőbesnyő, 15.04.1852
Inv. no. 212.a juv. male, mounted.
Inv. no. 212.b juv. male, mounted.
Inv. no. 212.c adult male, mounted.
Inv. no. 232.1 adult male, in alcohol.
Inv. no. 232.2 adult male, in alcohol.
[Hungary] Rákoskeresztúr, 01.11.1852
Inv. no. 232.5 subadult female, mounted.
Inv. no. 232.7 subadult female, mounted.
[Hungary] Rákoskeresztúr, 19.02.1853
Inv. no. 232.8 adult female, in alcohol.
Inv. no. 232.9 adult female, mounted.
[Hungary] Rákoskeresztúr, 01.11.1852
Inv. no. 232.10 juv. female, mounted.
[Hungary] Rákoskeresztúr, 19.02.1853
Inv. no. 232.11 juv. female, mounted.
Inv. no. 232.12 juv. female, mounted.
[Hungary] Rákoskeresztúr, 01.11.1852
Inv. no. 268 adult female, mounted.
[Hungary] Rákoskeresztúr, 02.11.1852

Remarks: The lectotype is designated herein. The skulls of specimens are included in the skins.

Mus trizonus Petényi, 1882
Természetrajzi Füzetek 5: 103
Lectotype: Inv. no. 1852.166.1.a adult female, mounted.
[Hungary]Felsőbesnyő, 1852
Paralectotypes: Inv. no. 1852.166.1.b adult male, mounted.
[Hungary] Felsőbesnyő, 1852
Inv. no. 1853.240.b adult male, mounted.
Inv. no. 1853.291 Adult, mounted.
[Hungary] Felsőbesnyő, 1853
Remarks: The lectotype is designated herein. The skulls of specimens are included in the skins.
= *Sicista subtilis trizona* (see PUCEK 1982).

Sicista montana Méhely, 1913
Állatt. Közlem. 12: 69
Lectotype: Inv. no. 3062.16.5 adult male, skull, body in alcohol.
[Czech and Slovak Federal Republic] Zuberec, 05.1894
Paralectotypes: Inv. no. 1715.6 adult, mounted.
[Czech and Slovak Federal Republic] Zuberec, 1891
Inv. no. 1747.17 adult, skull, body in alcohol.
[Czech and Slovak Federal Republic] Oravka, 05.1883
Inv. no. 1749.1 adult female, skin and skull.
[Czech and Slovak Federal Republic] Zuberec, 05.1883
Inv. no. 1873.132 adult, mounted.
[Czech and Slovak Federal Republic] Zuberec, 1894
Inv. no. 2666.1 adult, skull, body in alcohol.
Inv. no. 2666.2 adult, skull, body in alcohol.
[Czech and Slovak Federal Republic] Zuberec, 05.1900
Inv. no. 3062.16.1 adult male, skull, body in alcohol.
Inv. no. 3062.16.2 adult male, skull, body in alcohol.
Inv. no. 3062.16.3 adult male, skull, body in alcohol.
Inv. no. 3062.16.4 adult male, skull, body in alcohol.
Inv. no. 3062.16.6 adult male, skull, body in alcohol.
[Czech and Slovak Federal Republic] Zuberec, 05.1894
Remarks: The original description of species does not contain any type designation. The lectotype and the paralectotype series designated herein are the study material reported in another paper of MÉHELY (Math. Term.-tud. Közlem. 32(1): 34.).
= *Sicista betulina* ssp?

Spalacidae

Spalax graecus mezőségiensis Szunyoghy, 1937
Állatt. Közlem. 34: 186, 190
Lectotype: Inv. no. 3265 adult male, skin and skull.
[Romania] Kolozs county, Ajton, 06.1878
Paralectotype: Inv. no. 3266 juv., skin and skull.
[Romania] Alsófejér county, Szászújfalu, 11.08.1896

Remarks: The lectotype is designated herein.
= *Spalax microphthalmus graecus* Nehring, 1898

Spalax istricus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 186
Lectotype: Inv. no. 2522.4 adult, skin and skull.
[Romania] Barza, near Krajova, 04.1902
Paralectotype: Inv. no. 2522.1 juv, skin and skull.
[Romania] Krajova, Horesu Poenar, 04.1902
Remarks: The lectotype is designated herein.
= *Spalax microphthalmus graecus* Nehring, 1898

Spalax ehrenbergi* var. *ceyhanus Szunyoghy, 1941
Állatt. Közlem. 38: 81, 84
Holotype: Inv. no. 4104.13 adult male, skin and skull.
[Turkey] Asia Minor, Ceyhan, 12.06.1937
= *Spalax leucodon* ssp?

Spalax hungaricus transsylvanicus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 159
Lectotype: Inv. no. 2456.12 adult male, skull, body in alcohol.
[Romania] Szamosújvár, 07.1898
Paralectotypes: Inv. no. 2423 adult female, skull, body in alcohol.
[Romania] Kolozs county, Apahida, 20.09.1899
Inv. no. 2642 adult female, skull, body in alcohol.
[Romania] Szamosújvár, 18.04.1903
Inv. no. 2643.1.a juv. male, skull, body in alcohol.
[Romania] Kolozs county, Pusztaszentmiklós, 10.04.1903
Inv. no. 2643.1.b adult female, skull, body in alcohol.
Inv. no. 2644.1 juv. female, skin.
[Romania] Kolozs county, Pusztaszentmiklós, 15.04.1903
Inv. no. 2647.1 adult, skull.
Inv. no. 2647.2 adult, skull.
[Romania] Kolozs county, Pusztaszentmiklós, 06.1903
Remarks: The lectotype is designated herein.
= *Spalax leucodon* ssp?

Spalax monticola anatolicus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 88
Lectotype: Inv. no. 2677.10 adult male skull, body in alcohol.
[Turkey] Smyrna, 05.1904
Paralectotypes: Inv. no. 2524.3.a subadult, skull, body in alcohol.
Inv. no. 2524.3.b subadult, skull, body in alcohol.
Inv. no. 2524.3.c subadult, skull, body in alcohol.
[Turkey] Asia Minor, Burnabad, 07.1902
Inv. no. 2677.1 adult female, skull, body in alcohol.
Inv. no. 2677.2 adult female, skin and skull, body in alcohol.
Inv. no. 2677.3 adult female, skull, body in alcohol.
Inv. no. 2677.4 adult female, skin and skull, body in alcohol.
Inv. no. 2677.5 juv. male, skin and skull, body in alcohol.
Inv. no. 2677.6 juv. male, skin and skull, body in alcohol.
Inv. no. 2677.7 subadult female, skull, body in alcohol.

Inv. no. 2677.8 adult female, skin and skull, body in alcohol.
Inv. no. 2677.9 juv. male, skull, body in alcohol.
[Turkey] Smyrna, 05.1904
Remarks: The lectotype is designated herein.
= *Spalax leucodon* ssp?

Spalax monticola cilicicus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 84
Holotype: Inv. no. 2727.16 adult, skull.
[Turkey] Cilician Taurus, Bulgar-Maden, 2500 m, 02.08.1906
= *Spalax leucodon* ssp?

Spalax monticola hellenicus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 100
Lectotype: Inv. no. 2637 adult, skin and skull.
[Greece] Lamia, 1902
Paralectotype: Inv. no. 2483 subadult, skull.
[Greece] Parnassus, 1901
Remarks: The lectotype is designated herein.
= *Spalax leucodon* ssp?

Spalax monticola serbicus Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 140
Holotype: Inv. no. 2518 adult, skin and skull.
[Yugoslavia] Szerbia, Pirot, 17.09.1902
= *Spalax leucodon* ssp?

Spalax monticola syrmiensis Méhely, 1909
A Földi Kutyák Fajai. Budapest. (1909): 133
Paratype: Inv. no. 2185 adult, skull and mounted skin.
[Hungary] Somogy county, Lelle, 1895
= *Spalax leucodon* ssp?

Spalax monticola vasvárii Szunyoghy, 1941
Állatt. Közlem. 38: 79, 83
Holotype: Inv. no. 4104.10 adult male, skin and skull.
[Turkey] Sultansuyu-Hara, 28.06.1937
Paratypes: Inv. no. 4098.12 adult, skin and skull.
[Turkey] Asia Minor, Malatya, 15.10.1936
Inv. no. 4104 11 juv. female skin and skull.
[Turkey] Sultansuyu-Hara, 28.06.1937
Inv. no. 4104.12 adult male, skin and skull.
[Turkey] Sultansuyu-Hara, 21.06.1937
Inv. no. 4104.14 juv. female, skin and skull.
[Turkey] Sultansuyu-Hara, 25.06.1937
= *Spalax leucodon* ssp?

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